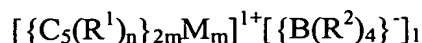


IN THE CLAIMS:

Please cancel original claims 1-10 and cancel amended claims 7-15 and rewrite them as new claims 16-23 as follows:

A<sup>27</sup>  
16. A polymerization initiator for a cationically polymerizable organic substance, wherein said polymerization initiator comprises a crystalline ion-association substance having the general formula (I):



wherein M is a transition metal of center nucleus; C<sub>5</sub> is a cyclopentadienyl group; R<sup>1</sup> is an electron donative or electron attractive substituent bonded to a carbon atom of cyclopentadienyl group, or an organic group bridging two neighboring carbon atoms; n is a number within range of 0 to 3; m is either 1 or 2; 1 is either 1 or 2; R<sup>2</sup> is a ligand coordinated to boron atom (B), and the four R<sup>2</sup>(s) are the same to each other.

17. The polymerization initiator claimed in claim 16, wherein said cationically polymerizable organic substance is a compound or mixture of at least two compounds selected from the group consisting of methylol compounds, ethylenic compounds, polyacetal compounds, organosiloxane compounds, polyamide compounds and heterocyclic compounds.

18. The polymerization initiator claimed in claim 17, wherein said cationically polymerizable organic substance is selected from the group consisting of organosiloxane compounds, epoxy compounds and mixtures thereof.

19. The polymerization initiator claimed in claim 16, wherein said transition metal of center nucleus (M) of said general formula (I) is selected from the group consisting of Ti, Zr, Fe, Ru, Os, Hf, V, Cr, Mo and W.

20. The polymerization initiator claimed in claim 16, wherein said electron donative or electron attractive substituent of said general formula (I) is, identical to or different from each other, selected from the group consisting of alkyl group, cycloalkyl group, alkoxy group, aryl group, dialkyl group, silyl group, acyl group, cycloalkenyl group, amino group, carboxyl group, organoboranyl group, phosphino group, aldehyde group, hydroxyl group and vinyl group; and wherein said organic group bridging two neighboring carbon atoms is an alkylene group.

21. The polymerization initiator claimed in claim 16, wherein the crystalline ion-association substance having the general formula (I) comprises a metallocene derivative cation having mono-nucleus structure or di-nucleus structure selected from the group consisting of acetyl ferrocenium, tert.-amyl ferrocenium, benzoyl ferrocenium, n-butyl ferrocenium, cyclohexenyl ferrocenium, cyclopentenyl ferrocenium, 1,1'-diacetyl ferrocenium, 1,1'-di-n-butyl ferrocenium, N,N-dimethylaminomethyl ferrocenium, 1,1'-dimethyl ferrocenium, ethyl ferrocenium, (dihydroxyboranyl) ferrocenium, 1-hydroxyethyl ferrocenium, hydroxymethyl ferrocenium, vinyl ferrocenium, 1,1-bis(diphenylphosphino) ferrocenium, ferrocenium, t-butyl ferrocenium, dibutyl ferrocenium, bis(cyclopentadienyl) chromium cation, bis(cyclopentadienyl) molybdenum chloride cation, bis(cyclopentadienyl) osmium cation, bis(t-butylcyclopentadienyl) titanium chloride cation, bis(cyclopentadienyl) dicarbonyl titanium cation, bis(cyclopentadienyl) titanium chloride cation, bis(cyclopentadienyl) tungsten chloride cation, bis(i-propylcyclopentadienyl) tungsten

chloride cation, vanadocenium, bis(n-butylcyclopentadienyl) zirconium chloride cation, bis(t-butylcyclopentadienyl) zirconium chloride cation, bis(cyclopentadienyl) zirconium chloride cation, bis(ethylcyclopentadienyl) zirconium chloride cation, bis(methylcyclopentadienyl) zirconium chloride cation, bis(indenyl) dimethyl zirconium cation, bis(t-butylcyclopentadienyl) hafnium chloride cation, bis(ethylcyclopentadienyl) hafnium chloride cation, bis(iso-propylcyclopentadienyl) hafnium chloride cation and diferrocenium derivative cation.

22. The polymerization initiator claimed in claim 16, wherein said ligand ( $R^2$ ) of the said formula (I) is selected from the group consisting of aryl group, halogenated aryl group, halogen haloform aryl group, cycloalkynyl group, halogenated cycloalkyl group, halogenated cycloalkynyl group, cycloalkoxy group, cycloalkenyloxy group, alkadienyl group, alkatrienyl group, alkynyl group, halogenated alkenyl group, halogenated alkadienyl group, halogenated alkatrienyl group, halogenated alkynyl group and heterocyclic group.

23. The polymerization initiator claimed in claim 16, wherein said crystalline ion-association substance having the general formula (I) comprises a tetradentate borate complex anion selected from the group consisting of tetrakis(4-fluorophenyl) borate anion, tetrakis(4-fluorobiphenyl) borate anion, tetrakis[3,5-bis(trifluoromethyl)phenyl] borate anion, tetrakis(3,5-difluorophenyl) borate anion, tetrakis[4-(trifluoromethyl)phenyl] borate anion, tetrakis(2,3,5,6-tetrafluorophenyl) borate anion, tetrakis(1,2,3,4,5-pentafluorophenyl) borate anion, tetrakis(3,4,5-trifluorophenyl) borate anion, tetrakis(3-fluoropropane) borate anion, tetrakis[3,5-bis(1,1,1,3,3,3-hexafluoro-2-methoxy-2-propyl)phenyl] borate anion, tetrakis(2,4,6-trifluorophenyl) borate anion, tetrakis(nonafluorobutyl) borate anion, tetrakis(perfluorohexyl) borate anion, tetrakis(perfluoropentyl) borate anion,